

## **ABSTRACT**

A tag secured to an object for monitoring the object has a strap with a first end, a second end, an electrical path coupled to the strap running from the first end to the second end, and one or more raised portion wherein a proximal end and a distal end of the electrical path are on the one or more raised portions. The first and second end of the strap detachably couple to a cradle. A housing couples to the cradle and holds an integrated circuit with a first contact and second contact wherein the first contact electrically couples to the proximal end of the electrical path and the second contact electrically couples to the distal end of the electrical path.